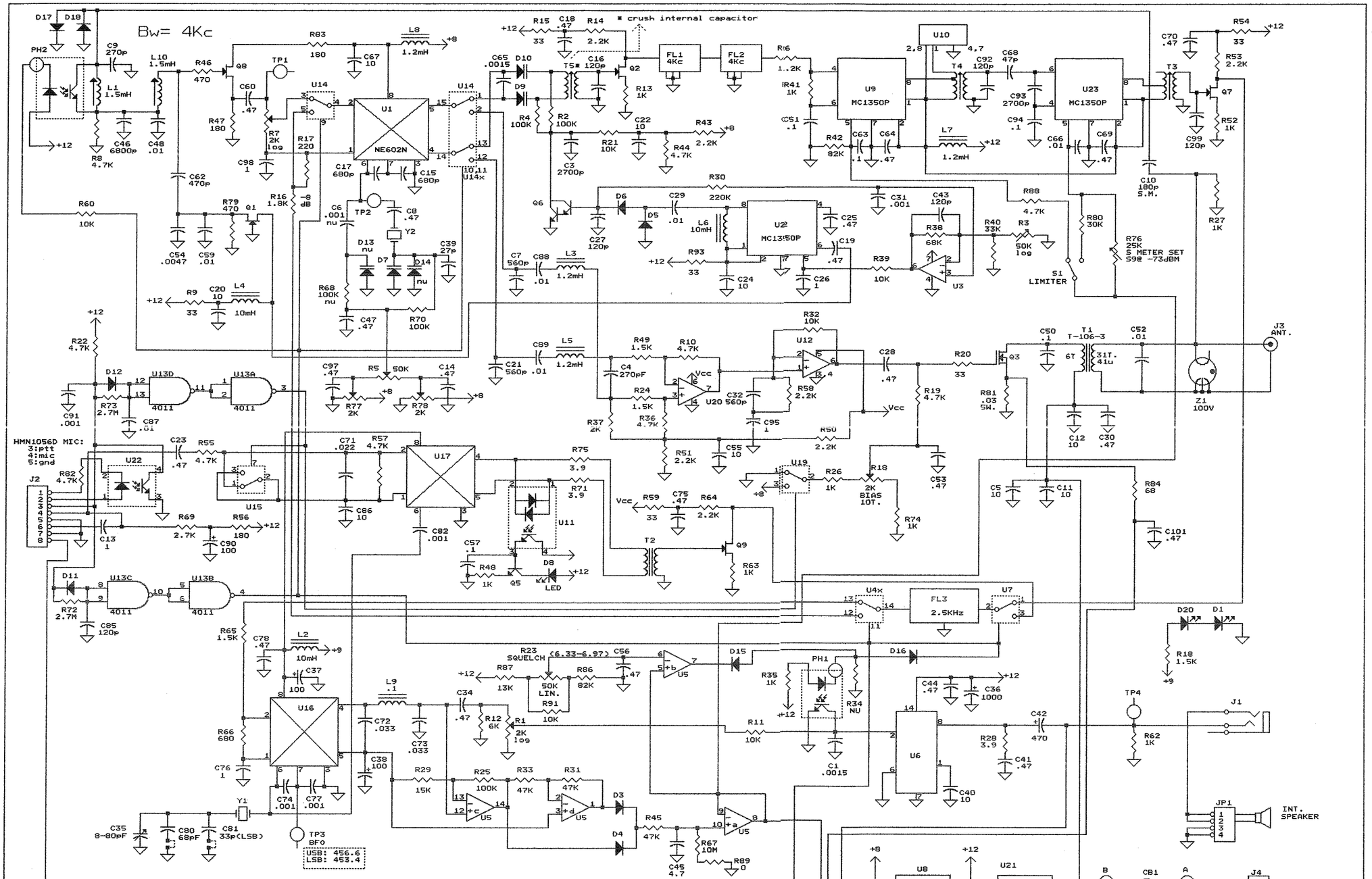
Bw= 4Kc
* crush internal capacitor
NE602N
MC1350P
MC13150P
4011
HMN1056D MIC:
3:ptt
4:mic
5:gnd
USB: 456.6
LSB: 453.4
FL1 4Kc
FL2 4Kc
FL3 2.5KHz
IR41 1K
BIAS 10T.
SQUELCH (6.33-6.97)
50K LIN.
S METER SET S9@ -73dBM
LIMITER
INT. SPEAKER
13.5 VDC 8A. PEAK .1A. IDLE
5A.
C33,58,83, 96,49
LED
PRESELECTOR; SET SCOPE TO 100mV, 2uS. 1M OHM PROBE TO TP1.
SIG GEN SET TO 181Kc @ -20DBm, TO ANTENNA INPUT VIA COAX.
PEAK L1,10 TO 181Kc. LOWER SIG GEN TO -30DBm.
PEAK L1 TO 184Kc, L10 TO 179Kc, REPEAT.
VFO: CONNECT SCOPE PROBE TO TP2, FREQ. COUNTER.
ROTATE R5 FULL CW. ADJUST R77 FOR 638 Kc.
ROTATE R5 FULL CCW. ADJUST R78 FOR 634 Kc.
BFO: CONNECT SCOPE PROBE TO TP3 AND FREQ. COUNTER. ADJUST C35 FOR LSB (453.4) OR USB (456.6).
JUMPER C80 AND REMOVE JUMPER ON C81 IF C35 CAN NOT ACHEIVE RANGE.
I.F. PEAKING: SET LIMITER (R7), VOLUME (R1) FULL CW. SET BLANKER (R3), SQUELCH (R23) FULL CCW.
DEPRESS S... ADJUST T3, T4, T5 FOR MAXIMUM NOISE.
FILTER BANDPASS: CONNECT SCOPE PROBE TO TP4 AND SCOPE. SET SCOPE TO 500mV./2mS.
CONNECT SIG.GEN. TO OUT. SET GEN. TO 181Kc. -70 DBM.ADJUST CLARRIFIER (R5) FOR 1Kc.
ADJUST VOLUME FOR 2V P/P. USING CLARRIFIER (R5) LOWER THE FREQUENCY UNTIL 1V P/P IS REACHED.
ADJUST BFO TRIMMER C35 FOR A FREQUENCY OF 300 CYCLES (USE FREQ.COUNTER).
DAVE CURRY
Size C
Document Number
BOARD LEVEL:34
KENXCVR
REV 29